Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047826.D
Acq On : 06 Apr 2022 12:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Apr 07 05:53:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	61169	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	23416	1.044	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	27324	1.249	ug/l	0.00
Spiked Amount 1.000			Recovery = 125.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	113055	4.882	ug/l	100
3) Chloromethane	1.523	50	122735	5.030	ug/l	100
4) Vinyl Chloride	1.607	62	111029	4.502	ug/l	99
5) Bromomethane	1.858	94	70697	5.069	ug/l	99
6) Chloroethane	1.935	64	67360	4.195	ug/l	98
7) Trichlorofluoromethane	2.144	101	149736	5.090	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	85604	5.043	ug/l	97
9) 1,1-Dichloroethene	2.584	96	84081	5.254	ug/l	99
10) Iodomethane	2.726	142	60312	3.834	ug/l	100
11) Allyl Chloride	2.928	41	115445	5.001	ug/l	100
12) Acrylonitrile	3.317	53	43338	10.741	ug/l	95
13) Acetone	2.629	43	82067	17.959	ug/l	99
14) Carbon Disulfide	2.797	76	267088	5.457	ug/l	99
15) Methylene Chloride	3.051	84	104463	5.384	ug/l	99
16) trans-1,2-Dichloroethene	3.356	96	92503	5.388	ug/l	96
17) 1,1-Dichloroethane	3.874	63	152907	4.838	ug/l	100
18) 2-Butanone	4.713	43	116099	19.818	ug/l	98
19) Cyclohexane	5.391	56	120286m	4.201	ug/l	
20) Methylcyclohexane	6.764	83	136690	4.716	ug/l	99
21) 2,2-Dichloropropane	4.668	77	125995	4.693	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	98066	5.213	ug/l	99
23) Diethyl Ether	2.379	59	63672	4.352	ug/l	99
24) tert-Butyl Alcohol	3.192	59	72567	58.648	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	213162	4.862	ug/l	98
26) Bromochloromethane	4.980	128	48997	5.943	ug/l	98
27) Chloroform	5.092	83	160711	4.908	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	139767	5.200	ug/l	100
29) 1,1-Dichloropropene	5.530	75	118460	4.858	ug/l	100
30) Carbon Tetrachloride	5.526	117	120900	5.688	ug/l	99
31) Isopropyl Ether	4.002	45	214685	4.363	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	208355	4.225	ug/l	100
33) Tert-Amyl methyl ether	5.947	73	194289	4.420	ug/l	99
34) Propionitrile	4.784	54	36243	23.989	ug/l	97
35) Benzene	5.777	78	356601	5.042	ug/l	99
36) 1,2-Dichloroethane	5.800	62	105182	4.716	ug/l	99
37) Trichloroethene	6.546	130	100973	5.725	ug/l	95
38) 1,2-Dichloropropane	6.793	63	89413	4.892	ug/l	99
39) Methacrylonitrile	4.983	41	27500	4.616	ug/l	98
40) Methyl acrylate	4.851	55	42496	4.350	ug/l	97
41) Tetrahydrofuran	5.063	42	28871	8.548	ug/l	97
42) 1-Chlorobutane	5.462	56	156894	4.541	ug/l	99
43) Dibromomethane	6.922	93	51715	5.588	ug/l	99
44) Bromodichloromethane	7.108	83	118605	5.202	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	260751	21.415	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	55134m	12.499	ug/l	
47) Methyl methacrylate	6.964	69	83419	9.151	ug/l	97
48) Ethyl methacrylate	8.336	69	76777	4.322	ug/l	100
49) Toluene	7.970	92	221700	5.075	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	107557	4.875	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	122193	4.756	ug/l	99
52) 1,1,2-Trichloroethane	8.404	97	72066	5.410	ug/l	99
53) 1,3-Dichloropropane	8.578	76	118761	4.873	ug/l	99
54) 2-Hexanone	8.687	43	185648	19.918	ug/l	99
55) Dibromochloromethane	8.812	129	87005	6.087	ug/l	98
56) 1,2-Dibromoethane	8.925	107	69052	5.490	ug/l	99
58) Tetrachloroethene	8.555	164	92025	5.752	ug/l	98
59) Chlorobenzene	9.449	112	253290	5.510	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	91436	5.903	ug/l	99
61) Pentachloroethane	11.430	117	73644	6.438	ug/l	99
62) Hexachloroethane	12.478	117	69079	5.871	ug/l	98
63) Ethyl Benzene	9.571	91	408689	5.043	ug/l	100
64) m/p-Xylenes	9.697	106	336333	10.834	ug/l	99
65) o-Xylene	10.102	106	157870	5.227	ug/l	98
66) Styrene	10.115	104	273755	5.501	ug/l	100
67) Bromoform	10.291	173	54822	7.020	ug/l	99
69) Isopropylbenzene	10.488	105	406280	5.120	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	94225	5.495	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	73907m	5.194	ug/l	
72) Bromobenzene	10.783	156	118466	6.452	ug/l	99
73) n-propylbenzene	10.906	120	119738	5.671	ug/l	98
74) 2-Chlorotoluene	10.986	126	110354	5.996	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	358983	5.411	ug/l	100
76) 4-Chlorotoluene	11.098	126	115047	6.063	ug/l	98
77) tert-Butylbenzene	11.423	119	352743	5.437	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	367491	5.426	ug/l	100
79) sec-Butylbenzene	11.645	105	467240	5.261	ug/l	100
80) Nitrobenzene	13.211	77	18100	35.476	ug/l	95
81) p-Isopropyltoluene	11.796	119	397374	5.535	ug/l	100
82) 1,3-Dichlorobenzene	11.745	146	234225	6.383	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	235766	6.475	ug/l	100
84) n-Butylbenzene	12.211	91	369146	5.442	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	222401	6.372	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	14366	5.100	ug/l	95
87) 1,2,4-Trichlorobenzene	13.841	180	160578	7.195	ug/l	98
88) Hexachlorobutadiene	14.021	225	95242	8.565	ug/l	98
89) Naphthalene	14.089	128	255136	6.091	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	152515	7.362	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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